

Attorney Docket: 920607-95597  
Amendment B

## I. AMENDMENTS

### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

Claim 1. (Currently amended) A method for modulating cardiac control in a body, comprising the steps of:

providing a treatment member, said treatment member being adapted to be in communication with the body;

providing a plurality of waveform signals representative of waveform signals generated in the body and carried by neurons in the body, said plurality of waveform signals ~~including first waveform signals being operative in the control~~ regulation of a plurality of cardiac function functions, said plurality of waveform signals being stored in a storage medium;

~~generating~~ selecting at least a ~~second~~ first waveform signal from said ~~first plurality of~~ waveform signals, ~~said second waveform signal being operative in the control of cardiac function;~~

transmitting said ~~second~~ first waveform signal to said treatment member; and

broadcasting said ~~second~~ first waveform signal from said treatment member directly to a cardiac regulatory point in the body.

Claim 2. (Previously presented) The method of Claim 1, wherein said storage medium comprises a memory region in a computer.

Claim 3. (Currently amended) The method of Claim 1, wherein said step of transmitting said second waveform signal comprises remotely transmitting said ~~second~~ first waveform signal to said treatment member.

Claim 4. (Currently amended) The method of Claim 1, wherein said step of transmitting said ~~second~~ first waveform signal comprises seismic transmission of said ~~second~~ first waveform signal to said treatment member.

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Claim 5. (Previously presented) The method of Claim 1, wherein said treatment member is adapted to be implanted within the body.

Claims 6- 12. (Canceled)

Claim 13. (Previously presented) The method of Claim 1, wherein said treatment member is adapted to be in contact with the body.

Claim 14. (Canceled)

Claim 15. (Currently amended) A method for modulating cardiac control in a body, comprising the steps of:

providing a treatment member, said treatment member being adapted to be implanted in the body;

providing a plurality of waveform signals representative of waveform signals generated in the body and carried by neurons in the body, said plurality of waveform signals ~~including first waveform signals~~ being operative in the control regulation of a plurality of cardiac function functions;

generating selecting at least a ~~second~~ first waveform signal from said ~~first plurality of~~ waveform signals, ~~said second waveform signal being operative in the control of cardiac function; and;~~

transmitting said ~~second~~ first waveform signal to said treatment member; and

broadcasting said ~~second~~ first waveform signals signal from said treatment member directly to a cardiac regulatory point in the body.

Claim 16. (Previously presented) The method of Claim 15, wherein said cardiac regulatory point comprises a point selected from the group consisting of the vagus nerve, hypothalamus region of the brainstem, medulla region of the brainstem and medullopontine region of the brainstem.

Claim 17. (Canceled)